

CPU-Z

CPU | Caches | Mainboard | Memory | SPD | Graphics | Bench | About

Processor

Name AMD Ryzen 5 2600

Code Name Pinnacle Ridge Max TDP 65.0 W

Package Socket AM4 (1331)

Technology 12 nm Core Voltage 0.800 V

Specification AMD Ryzen 5 2600 Six-Core Processor

Family F Model 8 Stepping 2

Ext. Family 17 Ext. Model 8 Revision PiR-B2

Instructions MMX(+), SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, SSE4A, x86-64, AMD-V, AES, AVX, AVX2, FMA3, SHA

Clocks (Core #0)

Core Speed 1546.03 MHz

Multiplier x 15.5

Bus Speed 99.80 MHz

Rated FSB

Cache

L1 Data 6 x 32 KBytes 8-way

L1 Inst. 6 x 64 KBytes 4-way

Level 2 6 x 512 KBytes 8-way

Level 3 2 x 8 MBytes 16-way

Selection Socket #1 Cores 6 Threads 12

CPU-Z Ver. 1.87.0.x64 Tools Validate Close

CPU-Z

CPU | Caches | Mainboard | Memory | SPD | Graphics | Bench | About

Motherboard

Manufacturer ASRock

Model AB350M Pro4

Chipset AMD Ryzen SOC Rev. 00

Southbridge AMD B350 Rev. 51

LPCIO Nuvoton NCT6779

BIOS

Brand American Megatrends Inc.

Version P4.90 - AMD AGESA PinnaclePI-AM4 1.0.0.4

Date 07/06/2018

Graphic Interface

Version PCI-Express

Link Width x16 Max. Supported x16

Side Band Addressing

CPU-Z Ver. 1.87.0.x64 Tools Validate Close

CPU-Z

CPU | Caches | Mainboard | Memory | SPD | Graphics | Bench | About

Memory Slot Selection

Slot #1 DDR4

Module Size 8192 MBytes

Max Bandwidth DDR4-2132 (1066 MHz)

Manufacturer Corsair

Part Number CMK16GX4M2D3000C16

Serial Number

Correction

Registered

Ranks Single

SPD Ext. XMP 2.0

Week/Year

Timings Table

	JEDEC #16	JEDEC #17	JEDEC #18	XMP-2998
Frequency	1066 MHz	1066 MHz	1066 MHz	1499 MHz
CAS# Latency	22.0	23.0	24.0	16.0
RAS# to CAS#	15	15	15	20
RAS# Precharge	15	15	15	20
tRAS	36	36	36	38
tRC	50	50	50	58
Command Rate				
Voltage	1.20 V	1.20 V	1.20 V	1.350 V

CPU-Z Ver. 1.87.0.x64 Tools Validate Close

CPU-Z

CPU | Caches | Mainboard | Memory | SPD | Graphics | Bench | About

L1D-Cache

Size 32 KBytes x 6

Descriptor 8-way set associative, 64-byte line size

L1I-Cache

Size 64 KBytes x 6

Descriptor 4-way set associative, 64-byte line size

L2 Cache

Size 512 KBytes x 6

Descriptor 8-way set associative, 64-byte line size

L3 Cache

Size 8 MBytes x 2

Descriptor 16-way set associative, 64-byte line size

Size

Descriptor

Speed

CPU-Z Ver. 1.87.0.x64 Tools Validate Close

CPU-Z

CPU | Caches | Mainboard | Memory | SPD | Graphics | Bench | About

General

Type DDR4

Channel # Dual

Size 32 GBytes

DC Mode

NB Frequency 1064.1 MHz

Timings

DRAM Frequency	1064.1 MHz
FSB:DRAM	3:32
CAS# Latency (CL)	15.0 clocks
RAS# to CAS# Delay (tRCD)	15 clocks
RAS# Precharge (tRP)	15 clocks
Cycle Time (tRAS)	36 clocks
Bank Cycle Time (tRC)	51 clocks
Command Rate (CR)	2T
DRAM Idle Timer	
Total CAS# (tRDRAM)	
Row To Column (tRCD)	

CPU-Z Ver. 1.87.0.x64 Tools Validate Close

CPU-Z

CPU | Caches | Mainboard | Memory | SPD | Graphics | Bench | About

Display Device Selection

NVIDIA GeForce GTX 970 Perf Level Perf Level 0

GPU

Name NVIDIA GeForce GTX 970

Board Manuf. ASUSTeK Computer Inc.

Code Name GM204 Revision A1

Technology 28 nm

Clocks

Core 135 MHz

Shader

Memory 324 MHz

Memory

Size 4 GBytes

Type GDDR5

Vendor Samsung

Bus Width

CPU-Z Ver. 1.87.0.x64 Tools Validate Close